## **EXHIBIT 1**

## CASE 0:18-cv-01776-JRT-JFD Doc. 1724-1 Filed 01/05/23 Page 2 of 7 HIGHLY CONFIDENTIAL

	Page 1
1	IN THE UNITED STATES DISTRICT COURT
2	DISTRICT OF MINNESOTA
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4	CIVIL NO. 18-1776 (JRT/HB)
5	0:21-MD-02998-JRT-HB
6	MDL NO. 2998
7	
8	IN RE: PORK ANTITRUST LITIGATION
9	This Document Relates to: All Actions
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11	
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13	HIGHLY CONFIDENTIAL
14	REMOTE VIDEO DEPOSITION OF LAILA HAIDER, PH.D.
15	Thursday, November 3, 2022
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22	REPORTED BY: Ryan K Black
23	Realtime Reporter,
24	Registered Professional Reporter
25	and Notary Public

Page 166 in this matter. I'm one of the attorneys 1 2. representing them. I'd like to ask you some 3 questions today. And so for my first set of -- for my first set of questions, I'd like to 4 start out with some questions about economic 5 theory, or what economic theory predicts, basic 6 7 economics. So as a first question, all else equal, 8 9 if final consumer demand for pork products 10 increases, does basic economic theory predict 11 that that would lead to an increase in hog 12 demand? 13 MR. SCHWINGLER: Objection, form. THE WITNESS: If there's an increase 14 15 in the final -- in the pork prices downstream, 16 would -- will that result -- because it's derived 17 demand, will that result in -- in greater demand 18 for pork and that would result in demand for more hogs? In general, yes, that -- that would 19 2.0 -- that would hold. Of course, you have to test 21 it, but --22 BY MR. FINLEY: 23 Q. Okay. And -- and just -- just to be clear, the -- the question relates to the 24 25 relationship between -- predicted relationship

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Q. Okay. And then as a parallel question I'll ask the following: All else equal, does basic economic theory predict, in turn, that a decrease in hog demand would lead to a decrease in the equilibrium amount of hogs produced?

MR. SCHWINGLER: Objection, form. Incomplete hypothetical.

THE WITNESS: A decrease in hog demand would result in a decline in the equilibrium quantity of hogs. Again, as a -- as a general matter, yes, holding all else equal. But, of course, as -- as we know from this particular case, there's -- there's a lot going on at any particular time that -- that affects -- affects these things, so all those other factors need to be accounted for.

## BY MR. FINLEY:

2.1

- Q. And in connection with your previous answer, is it fair to say that, assuming all else equal, yes? Is that your answer?
- A. All else equal, demand and supply curve for hogs, yes, I take no issue with -- with that statement. But, obviously, with respect to what is being studied here, if -- if -- if the idea is to say, oh, that tells me that if Dr. Williams's

Page 305 is -- that is the -- the main purpose. 1 2. BY MR. PIERCE: 3 Would you expect that -- are you Ο. aware of any other way to produce pork besides 4 5 processing hogs? Of course, pork comes from hogs, so 6 7 -- so you need a -- you need hogs to get pork. If you have, you know, more specific questions 8 9 about can I get more pork from the same hog, 10 then, yes, I guess if the hog is bigger you'll 11 get more pork and you may need another hog, 12 right? I mean, but in general, yes, you need 13 hogs for pork. 14 I just wanted to give you an easy 15 question. It's near the end of the day, you 16 know. 17 Would you expect that an increase in 18 demand for pork may lead to an increase in demand for hogs? 19 20 So this -- yeah. It relates to derived 21 demand, right? So if there's increase in demand 22 for a product, that will increase the demand for 23 inputs of the product. And so, of course, hogs 24 are an important -- an important input. 25 Of course, each time you ask me these

Page 306 things, you know, I'm answering them all else 1 2. equal. There can be other things going on, right? Ο. I appreciate it. I appreciate it. 4 will -- I understand the importance of all the 5 else equal magic words, and we will include them 6 7 here. Would you agree, all else equal, that -- that an increase in demand for a good will 9 10 likely lead to an increase in its price? 11 MR. SCHWINGLER: Objection, form. 12 THE WITNESS: An increase in demand, 13 if, generally, shift out -- demand curve shifts 14 out, you would expect the prices to go up, but that's true as a general matter. Whether it 15 16 actually happens or not, you have to test because 17 there are lots of real world complexities. BY MR. PIERCE: 18 And do you have any understanding -- do 19 Ο. 2.0 you have an understanding of what the -- and my 2.1 pronunciation will probably be poor here, but do 22 you have an understanding of what the simultaneity bias is? 23 Yes. I -- I understand what that 24 25 -- that means, like,--

Page 314 1 CERTIFICATE 2. I do hereby certify that I am a Notary 3 Public in good standing, that the aforesaid testimony was taken before me, pursuant to 5 notice, at the time and place indicated; that 6 said deponent was by me duly sworn to tell the truth, the whole truth, and nothing but the 8 truth; that the testimony of said deponent was 9 correctly recorded in machine shorthand by me and 10 11 thereafter transcribed under my supervision with 12 computer-aided transcription; that the deposition 13 is a true and correct record of the testimony given by the witness; and that I am neither of 14 counsel nor kin to any party in said action, nor 15 interested in the outcome thereof. 16 17 18 WITNESS my hand and official seal this 7th day of November, 2022. 19 20 21 Joan K. Kau. 2.2 Notary Public 23 2.4 25